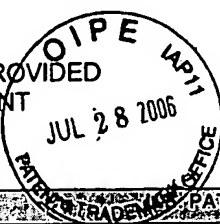


FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED
BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.
TH2229APPLICATION NUMBER
10/772,023APPLICANT
P. M. Ayoub et al.FILING DATE
February 4, 2004GROUP ART UNIT
1764

REFERENCE DESIGNATION: PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
JCD	AA	4,438,287	3/20/84	Imai	568	909	
JCD	AB	3,907,909	9/23/75	Maculoso Sr. et al.	260	632 HF	
JCD	AC	5,849,960	12/15/98	Singleton et al.	568	909	
JCD	AD	2002/0004621	1/10/02	Xu et al.	585	260	
JCD	AE	2002/0087040	7/4/02	Marchionna et al.	585	331	
JCD	AF	6,414,199	7/2/02	Saruwatari	68	728	
JCD	AG	2,930,763	3/29/60	Haensel	252	441	
JCD	AH	6,150,322	11/21/00	Singleton et al.	510	426	
JCD	AI	6,737,553	5/18/04	Maas et al.	568	909	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
JCD	AL	1,601,818	6/27/77	Great Britain	C07C	31/02		
JCD	AM	0,668,342	8/23/94	Europe	C01B	33/28		
JCD	AN	0,211,381 A1	2/25/87	Europe	C07C	7/163		
JCD	AO	00/12451	3/9/00	World	C07C	7/13		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

JCD	AR	"Sasol Detergent Alcohols," Preliminary Sasol R&D Technical Bulletin, 25 November 1996, pp. 1-13, XP002932342
JCD	AS	Flanigen et al., "Aluminophosphate Molecular Sieves and the Periodic Table," New Developments in Zeolite Science Technology, 1986, Kodansha Ltd., Tokyo, Japan, pp. 103-112
JCD	AT	"Alcohols, Higher Aliphatic," Kirk Othmer Encyclopedia of Chemical Technology, 2000, Fourth Edition, John Wiley & Sons, pp. 865-913

EXAMINER

/John Douglas/

DATE CONSIDERED 10/07/2006

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	APPLICANT P. M. Ayoub et al.	
	FILING DATE February 4, 2004	GROUP ART UNIT 1764

REFERENCE DESIGNATION	U.S. PATENT DOCUMENTS						
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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date If Appropriate
JCD	BA	6,008,181	12/28/99	Cripe et al.	510	426	
JCD	BB	6,015,781	1/18/00	Vinson et al.	510	302	
JCD	BC	6,020,303	2/1/00	Cripe et al.	510	503	
JCD	BD	6,046,152	4/4/00	Vinson et al.	510	428	
JCD	BE	6,060,443	5/9/00	Cripe et al.	510	426	
JCD	BF	6,087,309	7/11/00	Vinson et al.	510	125	
JCD	BG	6,133,222	10/17/00	Vinson et al.	510	428	
JCD	BH	6,320,080	11/20/01	Connor	568	28	
JCD	BI	6,326,348	12/4/01	Vinson et al.	510	428	

FOREIGN PATENT DOCUMENTS							
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		Document Number	Date	Country	Class	Subclass	Translation	
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JCD	BL	0,055,529	7/7/82	Europe	C01B	33/34		
JCD	BM	0,103,981	3/28/84	Europe	C01B	33/28		
JCD	BN	0,583,836	2/23/94	Europe	C10G	65/12		
	BO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
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JCD	BR	Edward J. Wickson, Editor, "Monohydric Alcohols; Manufacture, Applications and Chemistry," American Chemical Society Symposium Series 159, 1981, pp. 72-164
	BS	
	BT	

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
JCD	CA	6,433,207	8/13/02	Connor	558	31	
JCD	CB	5,780,694	7/14/98	Singleton	568	909	
JCD	CC	2003/0120118	6/26/03	Betts et al.	568	451	
JCD	CD	3,442,965	5/6/69	Oldham	260	671	
JCD	CE	6,388,162	5/14/02	Himelfarb et al.	585	809	
JCD	CF	6,765,106	7/20/04	Fenouil et al.	558	41	
JCD	CG	6,492,568	12/10/02	Murray et al.	568	909	
JCD	CH	5,112,519	5/12/92	Giacobbe et al.	252	174.21	
JCD	CI	6,222,077	4/24/01	Singleton	568	909	

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	CL						
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	CR						
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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date If Appropriate
JCD	DA	5,849,960	12/15/98	Singleton et al.	568	909	
JCD	DB	6,150,322	11/21/00	Singleton et al.	510	426	
JCD	DC	2,620,314	12/2/52	Hoekstra	252	448	
JCD	DD	3,231,621	1/25/66	Slaugh	260	604	
JCD	DE	3,239,566	3/8/66	Slaugh	260	604	
JCD	DF	3,239,569	3/8/66	Slaugh	260	632	
JCD	DG	3,239,570	3/8/66	Slaugh	260	632	
JCD	DH	3,239,571	3/8/66	Slaugh	260	632	
JCD	DI	3,274,287	9/20/66	Moore et al.	260	683.3	

FOREIGN PATENT DOCUMENTS							
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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	DL							
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	DR	
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EXAMINER /John Douglas/	DATE CONSIDERED 10/07/2006
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REFERENCE DESIGNATION	U.S. PATENT DOCUMENTS						
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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
JCD	EA	3,315,007	4/18/67	Abell, Jr. et al.	260	683.3	
JCD	EB	3,315,008	4/18/67	Abell, Jr. et al.	260	683.3	
JCD	EC	3,400,163	9/3/68	Mason et al.	260	606.5	
JCD	ED	3,420,875	1/7/69	DiSalvo et al.	260	513	
JCD	EE	3,420,893	1/7/69	Faltings et al.	260	618	
JCD	EF	3,428,654	2/18/69	Rubinfeld et al.	260	327	
JCD	EG	3,440,291	4/22/69	Van Winkle et al.	260	632	
JCD	EH	3,448,157	6/3/69	Slaugh et al.	260	604	
JCD	EI	3,462,525	8/19/69	Levinsky	424	56	

FOREIGN PATENT DOCUMENTS							
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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	EL							
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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
JCD	FA	3,488,158	1/6/70	Bentley et al.	23	258.5	
JCD	FB	3,496,203	2/17/70	Morris et al.	260	439	
JCD	FC	3,496,204	2/17/70	Morris et al.	260	439	
JCD	FD	3,501,515	3/17/70	Van Winkle et al.	260	439	
JCD	FE	3,506,580	4/14/70	Rubinfeld et al.	252	138	
JCD	FF	3,527,818	9/8/70	Mason et al.	260	632	
JCD	FG	3,676,523	7/11/72	Mason	260	683	
JCD	FH	3,686,351	8/22/72	Mason	260	683.15	
JCD	FI	3,737,475	6/5/73	Mason	260	683.15	

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	FL						
	FM						
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	FR						
	FS						
	FT						

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
JCD	GA	3,745,112	7/10/73	Rausch	208	139	
JCD	GB	3,579,537	5/18/71	Rubinfeld et al.	260	327	
JCD	GC	4,016,245	4/5/77	Plank et al.	423	328	
JCD	GD	4,020,121	4/26/77	Kister et al.	260	683.15	
JCD	GE	4,251,499	2/17/81	Nanne et al.	423	329	
JCD	GF	4,375,573	3/1/83	Young	585	467	
JCD	GG	4,430,517	2/7/84	Imai et al.	585	660	
JCD	GH	4,506,032	3/19/85	Imai et al.	502	223	
JCD	GI	4,578,259	3/25/86	Morimoto et al.	423	329	

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
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	GM						
	GN						
	GO						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	GR						
	GS						
	GT						

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date If Appropriate
JCD	HA	4,579,986	4/1/86	Sie	585	324	
JCD	HB	4,795,623	1/3/89	Evans	423	328	
JCD	HC	4,942,027	7/17/90	Evans	423	328	
JCD	HD	5,012,021	4/30/91	Vora et al.	585	315	
JCD	HE	5,112,519	5/12/92	Giacobbe et al.	252	174.21	
JCD	HF	5,169,824	12/8/92	Saleh et al.	502	259	
JCD	HG	5,276,990	1/11/94	Ramirez	43	17.5	
JCD	HH	5,292,990	3/8/94	Kantner et al.	585	820	
JCD	HI	5,371,308	12/6/94	Gosselink et al.	585	251	

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	HL						
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
JCD	IA	5,510,306	4/23/96	Murray	502	64	
JCD	IB	5,648,584	7/15/97	Murray	585	666	
JCD	IC	5,648,585	7/15/97	Murray et al.	585	671	
JCD	ID	5,849,972	12/15/98	Vicari et al.	585	531	
JCD	IE	5,985,238	11/16/99	Pasquale et al.	423	706	
JCD	IF	6,150,322	11/21/00	Singleton et al.	510	426	
JCD	IG	6,222,077	4/24/01	Singleton	568	909	
JCD	IH	6,225,518	5/1/01	Sohn et al.	585	826	
JCD	II	6,448,435	9/10/02	Jacobson et al.	562	39	

FOREIGN PATENT DOCUMENTS							
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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	IL							
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
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JCD	JA	6,462,215	10/8/02	Jacobson et al.	558	41	
JCD	JB	6,765,106	7/20/04	Fenouil et al.	558	41	
JCD	JC	6,657,092	12/2/03	Dirkswager et al.	568	909	
JCD	JD	6,770,191	8/3/04	Ansorge et al.	208	67	
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	JG						
	JH						
	JI						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
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	JR						
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